

## **FIREPLACE**

### **ABSTRACT**

An electric fireplace with artificial logs and lights simulating burning logs and flames is disclosed. The fireplace comprises of a housing with a top compartment and a bottom compartment. Within the top compartment is affixed an electric heating element and an exhaust fan to eject the heat from the heating element toward the front of the housing. Artificial logs and lights to simulate burning logs and flame are contained within the bottom compartment wherein the appearance of the lights and its movements are controlled by an electric motor within the bottom compartment. A set of control is attached to the housing for controlling the electric heater and the artificial fireplace. When the fireplace is electrically energized and the controls are activated, the heating element generates heat which are delivered to the user by the exhaust fan. The artificial logs will appear to be burning with realistic moving sparks and dancing flames.